

ABSTRACT:

An audio transmission system comprises: a decoder for converting a frame organized bitstream into an audio output representation; and a bad frame processing means arranged for detecting bad or disturbed frames in the bitstream. The audio transmission system further comprises a pitch period estimator coupled to said decoder audio output for estimating the pitch period of the audio representation and the pitch period estimator is further coupled to the bad frame processing means for replacing the audio output during a detected bad frame by a pitch period determined representation of said audio output. As a consequence no smoothing is necessary at the edges of neighboring frames.

Fig. 1